

ITEM	QTY -041	P/N	DESCRIPTION
	X	D5203-041	STRUT ASSEMBLY
1	1	D5203-045	STRUT WELDMENT
2	2	D2690-6	LANYARD ASSEMBLY
3	2	AN3C3A	BOLT
4	2	MS21043-3	NUT, SELF-LOCKING
5	2	MS17984-C405	PIN, QUICK RELEASE (NASM17984-C405)
6	2	MS21919WCF8	CLAMP
7	4	NAS1149C0332R	WASHER

DETAIL A  
TYP

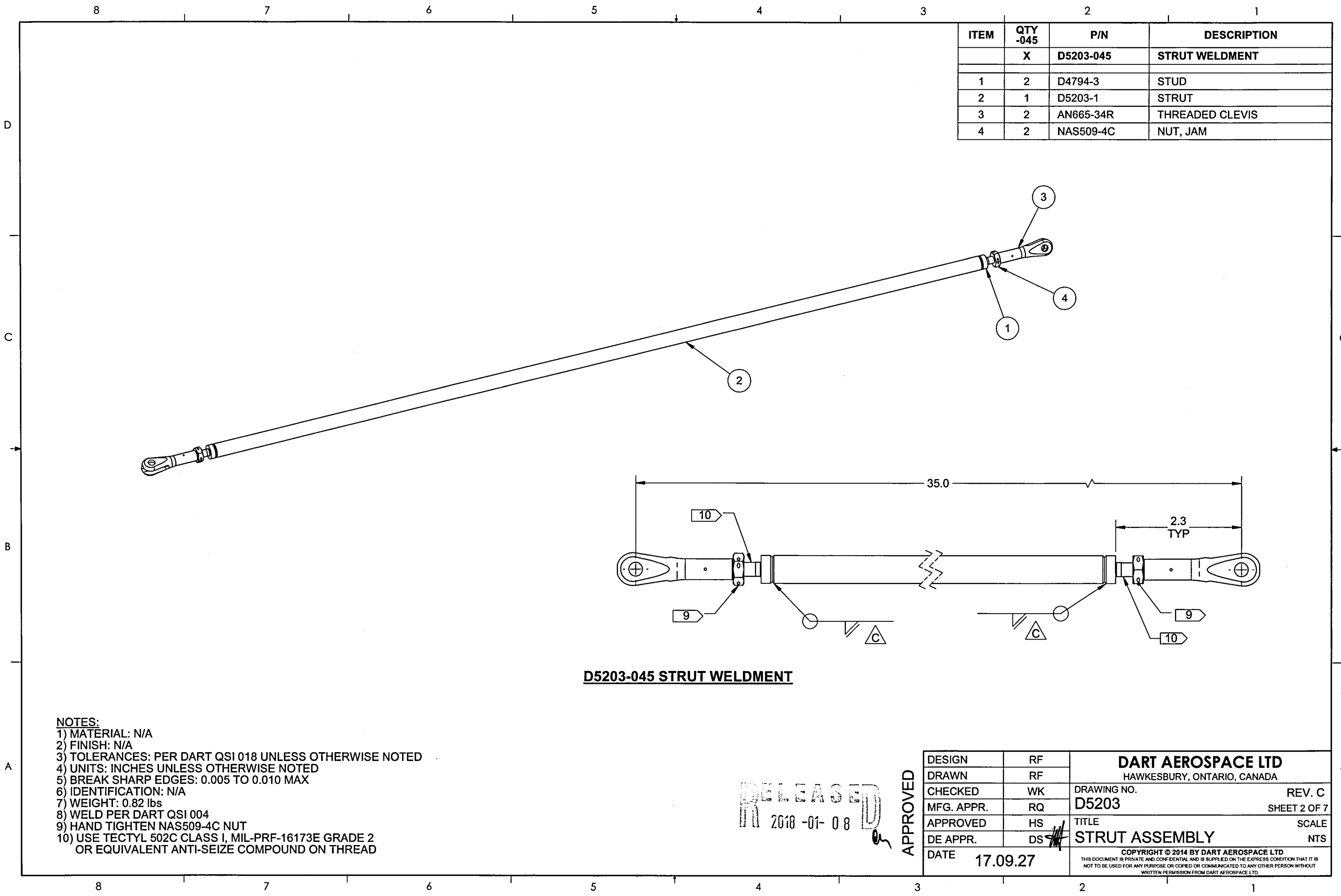
D5203-041 STRUT ASSEMBLY

NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1  
7) WEIGHT: 0.95 lbs  
8) TORQUE NUTS TO 20-25 in-lb

RELEASED  
2018-01-08  
EW 17-793

APPROVED

C	REVISE -043/-047/-3 (ZN B5-3, B4-4, B5-6) ADD -5 (ZN B5-7); REVISE WELDING SYMBOL	RF	17.09.27
B	REVISE -3/-047 (ZN B3-4 & B5-6); ADD -5 (ZN B5-7)	RF	17.07.24
A	NEW ISSUE	RF	14.12.19
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. C
MFG. APPR.	RQ	D5203	SHEET 1 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	STRUT ASSEMBLY	NTS
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ITEM	QTY -045	P/N	DESCRIPTION
	X	D5203-045	STRUT WELDMENT
1	2	D4794-3	STUD
2	1	D5203-1	STRUT
3	2	AN665-34R	THREADED CLEVIS
4	2	NAS509-4C	NUT, JAM

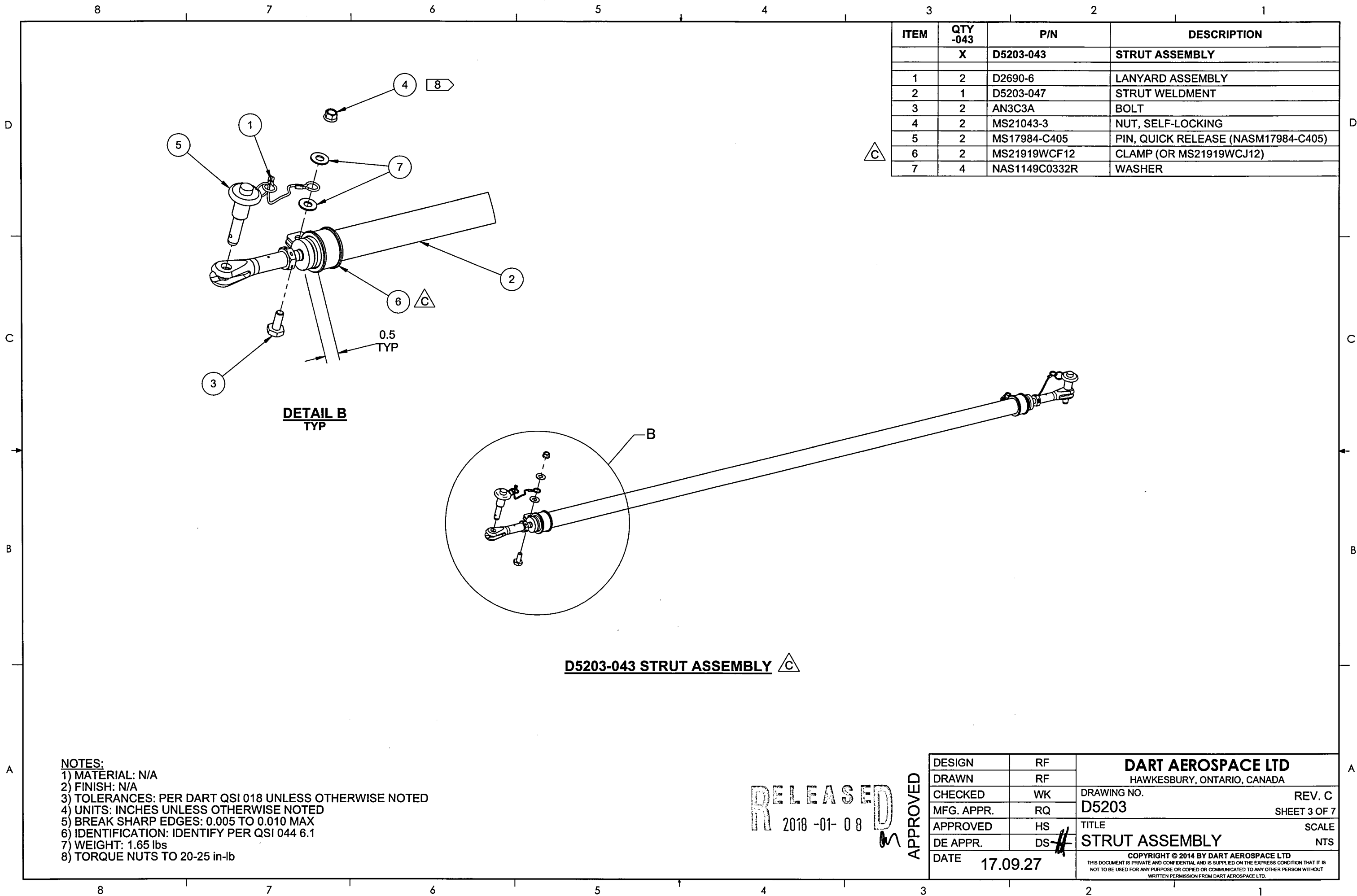
D5203-045 STRUT WELDMENT

- NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 0.82 lbs  
8) WELD PER DART QSI 004  
9) HAND TIGHTEN NAS509-4C NUT  
10) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2 OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD

RELEASED  
2018-01-08

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO. <b>D5203</b>	REV. C
MFG. APPR.	RQ	SHEET 2 OF 7	
APPROVED	HS	TITLE <b>STRUT ASSEMBLY</b>	SCALE NTS
DE APPR.	DS	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	17.09.27		



ITEM	QTY -043	P/N	DESCRIPTION
	X	D5203-043	STRUT ASSEMBLY
1	2	D2690-6	LANYARD ASSEMBLY
2	1	D5203-047	STRUT WELDMENT
3	2	AN3C3A	BOLT
4	2	MS21043-3	NUT, SELF-LOCKING
5	2	MS17984-C405	PIN, QUICK RELEASE (NASM17984-C405)
6	2	MS21919WCF12	CLAMP (OR MS21919WCJ12)
7	4	NAS1149C0332R	WASHER

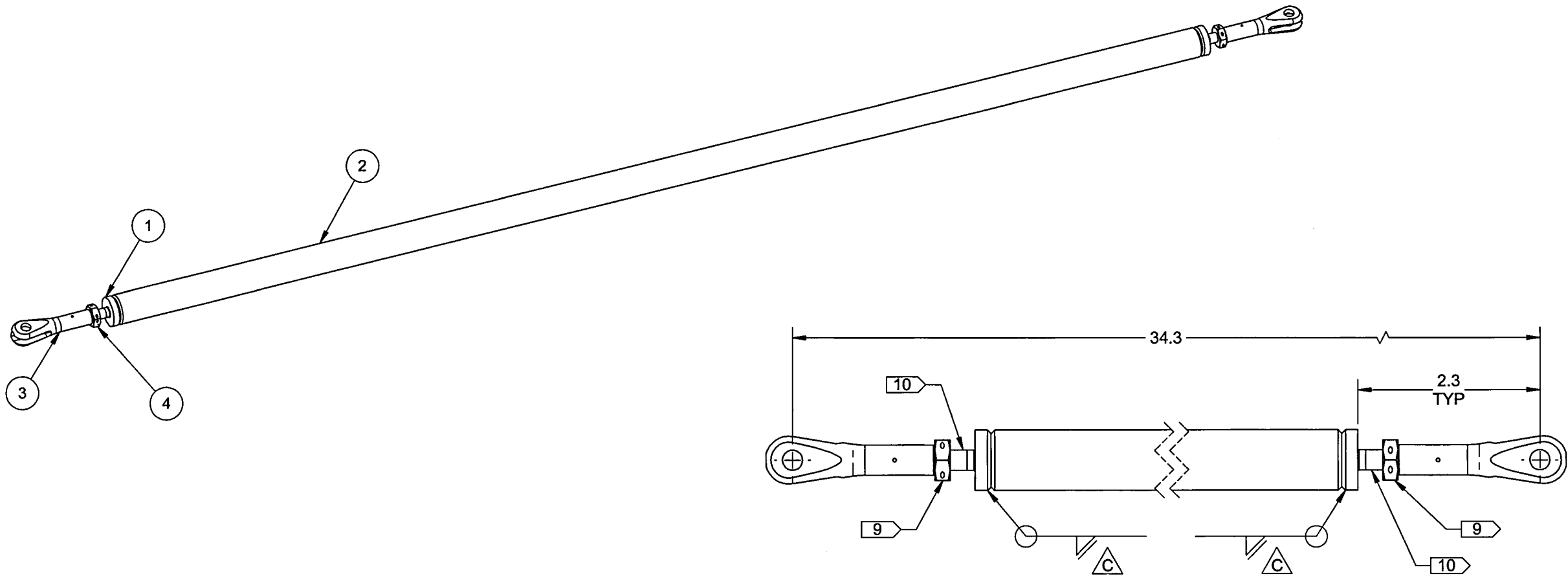
NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1  
7) WEIGHT: 1.65 lbs  
8) TORQUE NUTS TO 20-25 in-lb

RELEASED  
2018-01-08

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. C
MFG. APPR.	RQ	D5203	SHEET 3 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	STRUT ASSEMBLY	NTS
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ITEM	QTY -047	P/N	DESCRIPTION
	X	D5203-047	STRUT WELDMENT
1	2	D5203-5	STUD
2	1	D5203-3	STRUT
3	2	AN665-34R	THREADED CLEVIS
4	2	NAS509-4C	NUT, JAM



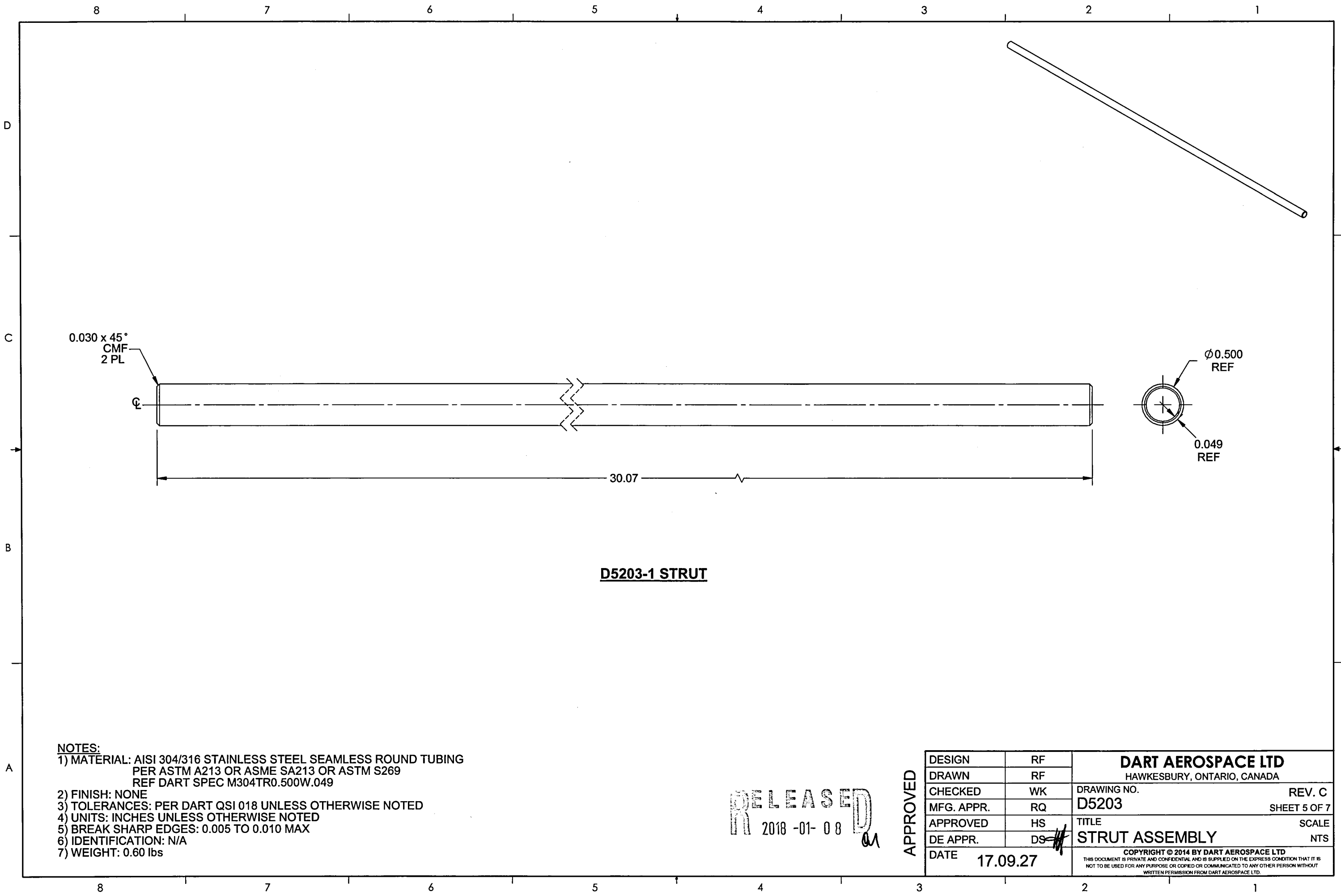
**D5203-047 STRUT WELDMENT**

- NOTES:**  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 1.50 lbs  
8) WELD PER DART QSI 004  
9) HAND TIGHTEN NAS509-4C NUT  
10) USE TECTYL 502C CLASS I, MIL-PRF-16173E GRADE 2  
OR EQUIVALENT ANTI-SEIZE COMPOUND ON THREAD

RELEASED  
2018 -01- 08

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. C
MFG. APPR.	RQ	D5203	SHEET 4 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	STRUT ASSEMBLY	NTS
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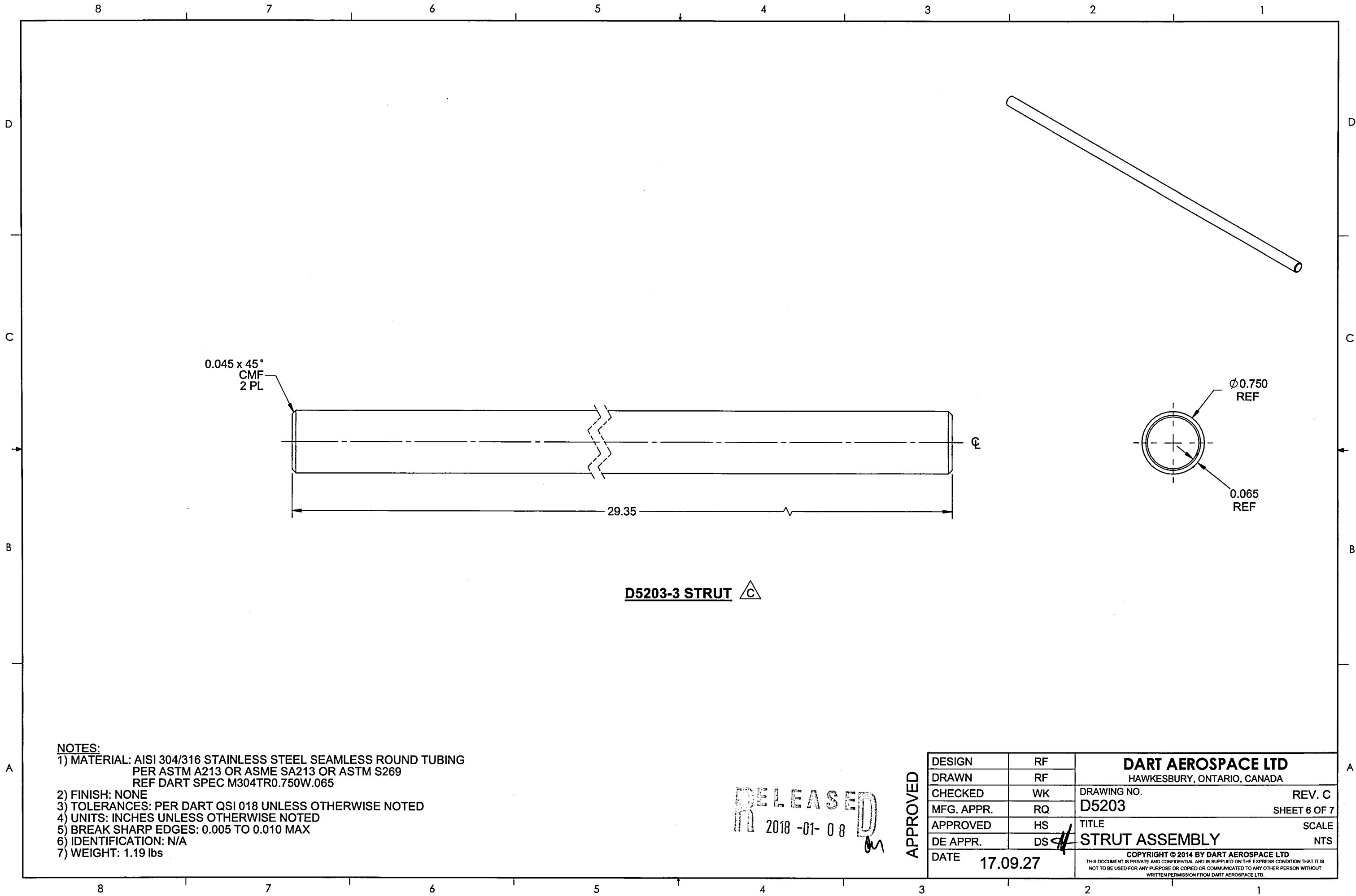


- NOTES:
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING  
PER ASTM A213 OR ASME SA213 OR ASTM S269  
REF DART SPEC M304TR0.500W.049
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.60 lbs

RELEASED  
2018-01-08

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. C
MFG. APPR.	RQ	D5203	SHEET 5 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	STRUT ASSEMBLY	NTS
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NOTES:  
1) MATERIAL: AISI 304/316 STAINLESS STEEL SEAMLESS ROUND TUBING  
PER ASTM A213 OR ASME SA213 OR ASTM S269  
REF DART SPEC M304TR0.750W.065  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 1.19 lbs

RELEASED  
2018-01-08

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. C
MFG. APPR.	RQ	D5203	SHEET 6 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	STRUT ASSEMBLY	NTS
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